



## Technical Data Sheet

### ACS Material Diamond Nanoparticle 4-7nm

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## 1. Preparation Method

Detonation Method

## 2. Characterizations

<b>BET surface area (m<sup>2</sup>/g):</b>	300-420
<b>Total impurity ions (ppm):</b>	<20
<b>Size distribution:</b>	4-7 nm



Typical SEM Image of ACS Material Diamond Nanoparticles

## 3. Application Fields

- 1) Lubricant and coolant additives
- 2) Polymer composites
- 3) Sintered body
- 4) Magnetic recording system
- 5) Polishing materials

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